



**SOAS**  
University of London

## Case study

# School of Oriental and African Studies

### About

Industry Education

Location London

SOAS University of London is Europe's leading Higher Education institution specialising in the study of Asia, Africa and the Near and Middle East. With over 6,300 undergraduate and postgraduate students studying on campus SOAS has the largest concentration of specialist staff engaged in the study of Africa, Asia and the Middle East.

SOAS scholars grapple with the pressing issues confronting two-thirds of humankind today: democracy, development, economy, finance, public and corporate policy, human rights, migration, identity, legal systems, poverty, religion, and social change.



## The Brief

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SOAS were looking to upgrade their cross campus fibre network to enable faster and more resilient connections to several of its existing campus buildings, based around the central London area of Russell Square.

## The Project

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Following an initial site survey of the existing fibre network infrastructure, Sudlows Enterprise Service Design team proposed an enhanced fibre backbone upgrade that would deliver the increased capacity and improve resilience across the designated buildings.

Sudlows engineering teams installed over 5km of new Multimode - 24 Core Fibre with links to the proposed 19 cabinet locations to deliver 10Gb speed backbone delivering the network refresh across SOAS campus.

The links were installed as per the Passive Fibre Schematic (PFS) proposed at design stage by SOAS, which ensured that each of the 24 core cables routed diversely from the primary Core Cabinets to the secondary Cabinets, throughout the Campus.

All of the new fibre cables were then terminated onto 1800 new modern LC pigtails. One link was deployed with specialised Corrugated Steel Tape (CST) rodent resistant fibre that would ensure that the fibre link will withstand the duct environment of an urban campus.

## The Conclusion

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The lengths of the new fibre connections was a key discussion point, to ensure robust cost solution was met, so Multimode was the ideal SOAS solution. Working with the manufacturer and distribution network to deliver this solution on time and in budget.

## Stats

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- 5km of Leviton 24 core OM4 loose tube cable, CST armour LSZH, ECA, EXT.
- 39 x optical panel loaded with 24 LC duplex multimode adaptors.
- 1800 Leviton LC OM4 50/125 pigtails.
- 19 locations.



images courtesy of SOAS



“Sudlows took on a very difficult installation, and delivered it on time and on budget. All problems were dealt with professionally, and we’re happy with the results.”

- SOAS Network Team



CRITICAL INFRASTRUCTURES



ENTERPRISE SERVICES



FIBRE SPECIALISTS



ELECTRICAL SERVICES



BUILDING SERVICES



FACILITIES MANAGEMENT